

DOCUMENT MODIFICATION REQUEST (DMR)

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Refer to 1-A01-PPG-001 for Processing Instructions
Print or Type All Information (Except Signatures)

1 Date 2/2/95		25 2/27/95 <i>lme</i> DMR No 95-DMR-000103	
2 Existing Document Number/Revision 5-21000-OPS-FO 16/Rev 2		3 New Document Number or Document Number if it is to be changed with this Revision N/A	
4 Originator's Name/Phone/Pager/Location N Elzinga/740-2740/WCFS Denver		5 Document Title Field Radiological Measurements	
6 Document Type <input checked="" type="checkbox"/> Procedure <input type="checkbox"/> Other		7 Document Modification Type (Check only one) <input type="checkbox"/> New <input type="checkbox"/> Revision <input type="checkbox"/> Intent Change <input checked="" type="checkbox"/> Nonintent Change <input type="checkbox"/> Editorial Correction <input type="checkbox"/> Cancellation	
8 Item	9 Page	10 Step	11 Proposed Modifications
1	9	6 2 2 1	Between the present sentences four and five, add the following "For the OU-2 Trenches and Mound Site Characterization Program, a five point prework Fidler survey will be used to monitor each soil gas location within each IHSS The first point will be the proposed soil gas location The four additional points will each be five feet away from the soil gas location, one each to the north, south, east, and west"
ADMIN RECORD			
12. Justification (Reason for Modification EJO # TP # etc.) For the OU-2 Trenches and Mound Site Characterization Field Program, multiple soil gas locations have been identified within each IHSS The five point surveys will adequately identify surface soil radionuclide contamination in the IHSS OU 2 Temporary Limited Scope Expires July 31, 1995			
If modification is for a new procedure or a revision list concerning disciplines in Block 13, and enter N/A in Blocks 14 and 15 If modification is for any type of change or a cancellation organizations are listed in Block 13, then Concuror prints, and signs in Block 14 and dates in Block 15			
13. Organization	14 Print Sign (if applicable)		15 Date (if applicable)
SME	K D Anderson <i>[Signature]</i>		2-27-95
Proj Mgr	P J Laurin <i>[Signature]</i>		2-23-95
QA	R Stephen Luker <i>[Signature]</i>		2-21-95
16. Originator's Supervisor (print/sign/date) Peter J Laurin <i>[Signature]</i> No Training Required			
17 Assigned SME/Phone/Pager/Location Keith D Anderson/6979/5142/080		18. Cost Center 3112	19 Charge Number 989214
20. Requested Completion Date		21 Effective Date 02-28-95	
22 Accelerated Review? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		23 ORC Review NOT REQUIRED	
24 Responsible Manager (print, sign date) Peter J Laurin <i>[Signature]</i>			

RF-47940 (5/93)

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

REVIEWED FOR CLASSIFICATION / UCM

BY

DATE

FIELD RADIOLOGICAL MEASUREMENTS

EG&G ROCKY FLATS PLANT
EMD MANUAL OPERATION SOP

Manual:
Procedure No :
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02-28-95
Environmental Management

Category 2

TITLE
FIELD RADIOLOGICAL
MEASUREMENTS

Approved

J E Evered

15

1 / 1
(Date)

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Category 2

02-28-95
Environmental Management

Small area smear papers will be treated as low-level radioactively contaminated environmental materials

6.2.2 Monitoring Tasks

Radiological Engineering-approved subcontractor Health and Safety Specialists will monitor environmental materials containers, sample containers, equipment, and personnel exiting potentially contaminated work areas and work areas characterized as not potentially contaminated if monitoring by subcontractors indicates the potential presence of radiation contamination above background. Radiological Engineering-approved subcontractor Health and Safety Specialists will also conduct prework area monitoring of potentially contaminated work sites. Prework area monitoring will be scheduled with a Radiological Engineering-approved subcontractor Health and Safety Specialist as far in advance as possible. A minimum notice of one workday is required.

6.2.2.1 Work Areas

Work area monitoring will be accomplished (prior to work starting) to indicate if surficial radioactivity exists in the immediate work area. Prework area monitoring will be accomplished by making direct soil surface measurements with a Bicon Analyst Fidler (or equivalent instrument). A minimum of 17 measurement points will be used for a prework area survey. A grid of the measurement points that is centered on the point of the intrusive activity is depicted in Figure FO 16-1. For the OU-2 Trenches and Mound Site Characterization Program, a five point prework Fidler survey will be used to monitor each soil gas location within each IHSS. The first point will be the proposed soil gas location. The four additional points will each be five feet away from the soil gas location, one each to the north, south, east, and west. A measurement of 250 cpm or less as measured by a Bicon Analyst Fidler (or equivalent instrument) indicates only background levels of radioactivity are present. At surface sediment sampling sites a single monitoring with a Bicon Analyst Fidler (or equivalent instrument) at the sampling point will constitute prework area monitoring. Documentation of area monitoring will be accomplished by completing Section I of Form FO 16A, Results of Radiological Measurements In The Field.

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